

BEST AVAILABLE COPY

PATENT
P56577IN THE CLAIMS

Please amend claims 1, 3, 5 and 6, and add claims 17 and 18, as follows:

1. (Currently Amended) A digital TV for use in a home wide web, comprising:

a ~~turner~~ tuner for receiving a broadcast of a current channel;

a controller for outputting a control signal to change the current channel to a user input channel;

a channel information processor for extracting user input channel information from the control signal from the controller, and for transferring the extracted user input channel information to the tuner; and

a memory including a program for operating the controller, for storing current channel information, and for changing the current channel information to the user input channel information;

wherein a broadcast of the user input channel is displayed without displaying [[the]] a channel selection page.

2. (Original) The digital TV of claim 1, wherein the program stores the current channel information in the form of a file.

3. (Currently Amended) The digital TV of claim 1, wherein the program stores the current channel information as a web browser cookie file.

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1 4. (Original) The digital TV of claim 1, further comprising at least one of a keypad
2 and a remote controller for entry of the user input channel.

1 5. (Currently Amended) The digital TV of claim 1, wherein the controller is
2 responsive to the user input channel for storing a changed channel selection page as a web
3 browser cookie value.

1 6. (Currently Amended) The digital TV of claim 5, wherein the controller is
2 responsive to the user input channel for changing the channel of the digital TV in accordance
3 with channel information contained in the web browser cookie value.

1 7. (Original) A method of changing a channel in a digital TV for use in a home wide
2 web, the method comprising the steps of:
3 producing a channel selection page to change a current channel when a user requests
4 a change of the current channel to a user input channel;
5 producing and storing a first cookie for the channel selection page;
6 changing information of the channel selection page so as to change the current
7 channel to the user input channel;
8 producing and storing a second cookie for the changed information of the channel
9 selection page; and

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10 changing the current channel to the user input channel by means of channel
11 information contained in the second cookie, whereby a broadcast of the user input channel
12 is displayed without displaying the channel selection page.

1 8. (Original) The method of claim 7, wherein the channel information contained in
2 the second cookie is determined by searching a string contained in the second cookie.

1 9. (Original) A method of changing a channel in a digital TV for use in a home wide
2 web, the method comprising the steps of:

3 producing a channel selection page to change a current channel when a user requests
4 a change of the current channel to a user input channel;

5 extracting channel information from the channel selection page and storing the
6 extracted channel information in the form of a file;

7 changing the channel information stored in the form of a file in response to an
8 operation by the user; and

9 changing the current channel to the user input channel by means of the changed
10 channel information, whereby a broadcast of the user input channel is displayed without
11 displaying the channel selection page.

1 10. (Original) The method of claim 9, wherein, when the user manipulates a
2 direction key to select the user input channel, a value of the current channel is changed by

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3 as much as "1".

1 11. (Original) The method of claim 9, wherein, when the user manipulates a digit
2 key to select the user input channel, the step of changing the channel information stored in
3 the form of a file comprises:

4 producing a channel selection page corresponding to an input digit;
5 extracting channel information from the produced channel selection page and
6 calculating a difference value between a value of the extracted channel information and a
7 value of the channel information stored in the form of a file; and
8 changing the channel information stored in the form of a file by as much as the
9 difference value.

1 12. (Original) A digital TV for use in a home wide web, comprising:
2 user input means for inputting a request by a user for change of a current channel;
3 means for producing a channel selection page to change the current channel when the
4 user requests the change of the current channel to a user input channel;
5 means for producing and storing a first cookie for the channel selection page;
6 means for changing information of the channel selection page so as to change the
7 current channel to the user input channel;
8 means for producing and storing a second cookie for the changed information of the
9 channel selection page; and

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10 means for changing the current channel to the user input channel by means of channel
11 information contained in the second cookie, whereby a broadcast of the user input channel
12 is displayed without displaying the channel selection page.

1 13. (Original) The digital TV of claim 12, wherein the channel information
2 contained in the second cookie is determined by searching a string contained in the second
3 cookie.

1 14. (Previously Presented) A digital TV for use in a home wide web, comprising:
2 user input means for inputting a request by a user for change of a current channel;
3 means for producing a channel selection page to change the current channel when the
4 user requests the change of the current channel to a user input channel;
5 means for extracting channel information from the channel selection page;
6 means for storing the extracted channel information in the form of a file;
7 means for changing the channel information stored in the form of a file in response
8 to an operation by the user; and
9 means for changing the current channel to the user input channel by means of the
10 changed channel information, whereby a broadcast of the user input channel is displayed
11 without displaying the channel selection page.

1 15. (Original) The method of claim 14, wherein, when the user manipulates a

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2 direction key to select the user input channel, a value of the current channel is changed by
3 as much as "1".

1 16. (Original) The method of claim 14, wherein, when the user manipulates a digit
2 key to select the user input channel, the means for changing the channel information stored
3 in the form of a file produces a channel selection page corresponding to an input digit,
4 extracts channel information from the produced channel selection page, calculates a
5 difference value between a value of the extracted channel information and a value of the
6 channel information stored in the form of a file, and changes the channel information stored
7 in the form of a file by as much as the difference value.

1 17. (New) The method of claim 7, wherein the first and second cookies comprise
2 web browser cookies.

1 18. (New) The digital TV of claim 12, wherein the first and second cookies comprise
2 web browser cookies.